

ABSTRACT

A method and apparatus for reducing the crest factor of a signal uses a plurality of partial correction signals having respective predetermined frequencies. For each of the partial correction signals, the following steps are performed: (a) determining a time position of a maximum absolute amplitude of the signal; (b) calculating an amplitude and a phase depending on said maximum absolute amplitude and said time position for the respective partial correction signal; and (c) subtracting the respective partial correction signal from said signal to obtain a partially corrected signal which is used as the signal in step (a) for the next of the plurality of partial correction signals, and going to step (a) for calculating the next partial correction signal. The last-obtained partially corrected signal is output as the reduced-crest factor signal.